

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	battery and ((sking near effect) same (electrolyte adj solution))	US-PGPUB; USPAT	OR	ON	2009/01/03 18:35
L2	1	battery and ((skin near effect) same (electrolyte adj solution))	US-PGPUB; USPAT	OR	ON	2009/01/03 18:35
L3	14	battery and ((skin adj effect) and (electrolyte adj solution))	US-PGPUB; USPAT	OR	ON	2009/01/03 18:36
L4	10	((lead same battery) and ((skin adj effect) and (electrolyte adj solution)))	US-PGPUB; USPAT	OR	ON	2009/01/03 18:36
L6	6	((lead same battery) and ((skin adj effect) and (dissolv\$3 same lead)))	US-PGPUB; USPAT	OR	ON	2009/01/03 18:40
L7	12	((lead same battery) and ((skin adj effect) and (dissolv\$3 samecrystal)))	US-PGPUB; USPAT	OR	ON	2009/01/03 18:40
L8	2	"6479966"	US-PGPUB; USPAT	OR	ON	2009/01/03 18:53
S1	2	(conductor with (skin adj effect)) and (remove with lead)	US-PGPUB; USPAT	OR	ON	2007/10/02 14:31
S2	69	(conductor near3 (skin adj effect)) and (remov\$3 with lead)	US-PGPUB; USPAT	OR	ON	2007/10/02 14:34
S3	2	S2 and (negative with pulse)	US-PGPUB; USPAT	OR	ON	2007/10/02 14:32
S4	82	(conductor near3 (skin adj effect)) and ((remov\$3 or eliminat\$3) with lead)	US-PGPUB; USPAT	OR	ON	2007/10/02 14:43
S5	4	S4 and (pulse same current)	US-PGPUB; USPAT	OR	ON	2007/10/02 14:44
S6	6	S4 and (pulse same negative)	US-PGPUB; USPAT	OR	ON	2007/10/02 14:43
S7	292	((conductor near3 (superficial adj effect) or (skin adj effect))) and ((remov\$3 or eliminat\$3) with lead)	US-PGPUB; USPAT	OR	ON	2007/10/02 15:15
S8	18	S7 and (pulse same negative)	US-PGPUB; USPAT	OR	ON	2007/10/02 15:08
S9	33	S7 and (pulse same current)	US-PGPUB; USPAT	OR	ON	2007/10/02 15:11
S10	13	"5648714"	US-PGPUB; USPAT	OR	ON	2007/10/02 14:55
S11	0	("2004/0056640").URPN.	USPAT	OR	ON	2007/10/02 14:59
S12	18	("4213080" "4274044" "4390940" "4626983" "4644256" "4695935" "4740739" "4786851" "4871959" "5063341" "5084664" "5276393" "5491399" "5646505" "5648714" "5677612").PN. OR ("6184650").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 15:02
S13	1	"11023497"	US-PGPUB; USPAT	OR	ON	2007/10/02 15:08

S14	105	S7 and (pulse and (sulfat\$3 or desulfat\$3))	US-PGPUB; USPAT	OR	ON	2007/10/02 15:11
S15	3	S14 and (pulse same current)	US-PGPUB; USPAT	OR	ON	2007/10/02 15:12
S16	3	S14 and (pulse same negative)	US-PGPUB; USPAT	OR	ON	2007/10/02 15:12
S17	823	((conductor near3 (superficial adj effect) or (skin adj effect))) and (sulfat\$3 or desulfat\$3)	US-PGPUB; USPAT	OR	ON	2007/10/02 15:12
S18	12	S17 and (pulse same current)	US-PGPUB; USPAT	OR	ON	2007/10/02 15:14
S19	8	S17 and (pulse same negative)	US-PGPUB; USPAT	OR	ON	2007/10/02 15:13
S20	619	((conductor near3 (superficial adj effect) or (skin adj effect))) and ((remov\$3 or eliminat\$3 or reduc\$3) with lead)	US-PGPUB; USPAT	OR	ON	2007/10/02 15:15
S21	71	((conductor near3 (superficial adj effect) or (skin adj effect))) same ((remov\$3 or eliminat\$3 or reduc\$3) with lead)	US-PGPUB; USPAT	OR	ON	2007/10/02 15:16
S22	43	S21 and pulse	US-PGPUB; USPAT	OR	ON	2007/10/02 15:15
S23	14	S21 and (pulse same current)	US-PGPUB; USPAT	OR	ON	2007/10/02 15:16
S24	9	S21 and (pulse same negative)	US-PGPUB; USPAT	OR	ON	2007/10/02 15:15
S25	15	((conductor near3 (superficial adj effect) or (skin adj effect))) same ((remov\$3 or eliminat\$3 or reduc\$3) near3 lead)	US-PGPUB; USPAT	OR	ON	2007/10/02 15:16
S26	15	((conductor near3 (superficial adj effect) or (skin adj effect))) same ((remov\$3 or eliminat\$3 or reduc\$3) hear3 (lead or sulfat\$3))	US-PGPUB; USPAT	OR	ON	2007/10/02 15:18
S27	104	(negative same pulse) same ((remov\$3 or eliminat\$3 or reduc\$3) near3 (lead or sulfat\$3))	US-PGPUB; USPAT	OR	ON	2007/10/02 15:18
S28	62	S27 and (pulse with (width or frequency))	US-PGPUB; USPAT	OR	ON	2007/10/02 15:19
S29	49	S28 and (pulse same current)	US-PGPUB; USPAT	OR	ON	2007/10/02 15:19
S30	4	("5652497" "5677075").PN. OR ("6730428").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 15:20
S31	14	("4728877" "4871959" "5063341" "5084664" "5166595" "5276393" "5491399" "5543701").PN. OR ("5677612").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 16:34
S32	7	(S30 or S31) and (negative same pulse)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 17:37
S33	10	(battery adj (rejuvenator or desulfator)) and (negative same pulse)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 17:46

S34	1	("2001/0019257").URPN.	USPAT	OR	ON	2007/10/02 17:41
S35	194	((battery or cell) same (rejuvenator or desulf\$7 or sulfat\$3)) and (negative same pulse same current)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 17:47
S36	70	S35 and (pulse same (width or frequency))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 17:47
S37	63	((battery or cell) same (rejuvenator or desulf\$7 or sulfat\$3)) and (negative with pulse same current)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 17:56
S38	47	S37 and (pulse same (width or frequency))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:28
S39	16	((battery or cell) same (rejuvenator or desulf\$7 or sulfat\$3)) same (negative with pulse same current)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:00
S40	18	((battery or cell) same (rejuvenator or desulf\$7 or sulfat\$3)) same (negative with pulse)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:08
S41	306	((battery or cell) same (rejuvenator or desulf\$7 or sulfat\$3 or ((remov\$3 or eliminat\$3) with lead))) and (negative near3 pulse)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:04
S42	83	((battery or cell) same (rejuvenator or desulf\$7 or sulfat\$3 or ((remov\$3 or eliminat\$3) with lead))) same (negative near3 pulse)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:05
S43	56	((battery or cell) same (rejuvenator or desulf\$7 or sulfat\$3 or ((remov\$3 or eliminat\$3) with lead))) same ((negative near3 pulse) same current)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:05
S44	24	((battery or cell) same (rejuvenator or desulf\$7 or sulfat\$3 or ((remov\$3 or eliminat\$3) with lead))) same ((negative near3 pulse) with current)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:06
S45	11	((battery or cell) with (rejuvenator or desulf\$7 or sulfat\$3 or ((remov\$3 or eliminat\$3) with lead))) same ((negative near3 pulse) with current)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:06
S46	22	((battery or cell) with (rejuvenator or desulf\$7 or sulfat\$3 or ((remov\$3 or eliminat\$3) with lead))) same ((negative near3 pulse) same current)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:07
S47	58	((battery or cell) same (rejuvenator or desulf\$7 or sulfat\$3 or recycling)) same (negative with pulse)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:11
S48	135	((battery or cell) same (rejuvenator or desulf\$7 or sulfat\$3 or recycling)) and (negative with pulse same current)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:27
S49	21	S48 and "320".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:11

S50	138	((battery or cell) same (rejuvenator or desulf\$7 or sulfat\$3 or recycling)) and (discharge with pulse same current)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:58
S51	77	S50 and (pulse same (width or frequency))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:28
S52	11	S51 and "320".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:29
S53	66	S51 not S52	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 19:01
S54	14	("4728877" "4871959" "5063341" "5084664" "5166595" "5276393" "5491399" "5543701").PN. OR ("5677612").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:40
S55	60	("3553561" "3579075" "3586955" "3629681" "3663939" "3816807" "3963976" "4016473" "4183080" "4214198" "4237409" "4246634" "4302714" "4320333" "4355275" "4363005" "4366430" "4371827" "4386308" "4388583" "4388584" "4389608" "4396881" "4513238" "4568869" "4584514" "4609860" "4695784" "4697136" "4750102" "4843299" "4871959" "4882663" "4947124" "4965507" "5049804" "5063341" "5084664" "5172044" "5254951" "5274321" "5276393" "5289102" "5290643" "5291118" "5463304" "5491399" "5525892").PN. OR ("5648714").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 18:49
S56	2	((battery or cell) same (rejuvenator or desulf\$7 or sulfat\$3 or recycling)) and (discharge with pulse same current) and (S54 or S55)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 19:00
S57	9	"322747"	US-PGPUB; USPAT	OR	ON	2008/04/11 16:37
S58	2	"6479966"	US-PGPUB; USPAT	OR	ON	2008/04/11 16:38
S59	3	"6730428"	US-PGPUB; USPAT	OR	ON	2008/04/11 16:38
S60	9	"5633575"	US-PGPUB; USPAT	OR	ON	2008/04/11 16:38
S61	8	current same desulfation and ("mA" or (mili adj ampere))	US-PGPUB; USPAT	OR	ON	2008/04/11 17:04
S62	19	"5276393"	US-PGPUB; USPAT	OR	ON	2008/04/11 17:08
S63	26	"5084664"	US-PGPUB; USPAT	OR	ON	2008/04/11 17:09
S64	28	"4871959"	US-PGPUB; USPAT	OR	ON	2008/04/11 17:10
S65	1	(pulse adj generator) same desulfation	US-PGPUB; USPAT	OR	ON	2008/04/11 17:14

S66	10	(pulse adj generator) same sulfate	US-PGPUB; USPAT	OR	ON	2008/04/11 17:14
S67	0	("2004/0056640").URPN.	USPAT	OR	ON	2008/04/11 17:20
S68	12	"5648714"	USPAT	OR	ON	2008/04/11 17:23
S69	354	((pulse) same (sulfate or sulfation or desulfation)) and ("ma" or "mA" or (mili adj ampere))	US-PGPUB; USPAT	OR	ON	2008/04/11 17:25
S70	57	((pulse) same (sulfate or sulfation or desulfation)) and ("ma" or "mA" or (mili adj ampere)) with current same pulse)	US-PGPUB; USPAT	OR	ON	2008/04/11 17:33
S71	12	S70 and (battery or accumulator)	US-PGPUB; USPAT	OR	ON	2008/04/11 17:34
S72	39	"3808481"	US-PGPUB; USPAT	OR	ON	2008/04/11 17:40
S73	5	320/129,130,131,140,141.ccls. and ((pulse near3 current) same sulfat\$4)	US-PGPUB; USPAT	OR	ON	2008/12/23 16:36
S74	5	microseconds and ((pulse near3 current) same sulfat\$4)	US-PGPUB; USPAT	OR	ON	2008/12/23 16:42
S75	1	microseconds and ((pulse near3 current) same rejuvenator)	US-PGPUB; USPAT	OR	ON	2008/12/23 16:42
S76	3	nanoseconds and ((pulse near3 current) same sulfat\$4)	US-PGPUB; USPAT	OR	ON	2008/12/23 16:43
S77	0	nanoseconds and ((pulse near3 current) same rejuvenator)	US-PGPUB; USPAT	OR	ON	2008/12/23 16:43
S78	58	nanoseconds and ((pulse near3 current) and sulfat\$4)	US-PGPUB; USPAT	OR	ON	2008/12/23 16:47
S79	117	(nanoseconds or microseconds) and (pulse same negative same current) and sulfat\$4	US-PGPUB; USPAT	OR	ON	2008/12/23 16:55
S80	2	(nanoseconds or microseconds) and (pulse same negative same current) and desulfat\$4	US-PGPUB; USPAT	OR	ON	2008/12/23 16:57
S81	32	("3629681" "3761795" "3816807" "3839089" "3963976" "4213080" "4274044" "4390940" "4626093" "4644256" "4695935" "4736150" "4740739" "4786851" "4795537" "4871959" "4878007" "4931367" "5027051" "5043650" "5045769" "5140250" "5250904" "5256957").PN. OR ("RE35643"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/23 16:58

S82	31	"3808487" "4385269" "4740739" "4829225" "5063341" "5084664" "5179335" "5256957" "5307000" "5334925" "5463304" "5479084" "5491399" "5525892" "5561360" "5600227" "5629600" "5633574" "5648714" "5652497" "5714865" "5777456" "5905363" "5998968" "6023149" "6097172" "6100668" "6118275" "6130522" "RE35643").PN. OR ("6566844"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/23 17:13
S83	2717	(battery same (rejuvenator or desulfat\$4 or sulfat\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/23 17:37
S84	174	S83 and (pulse with current)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/23 17:37
S85	54	S84 and (pulse near4 width)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/23 17:37
S86	280	(sulfated or sulfation) same battery	US-PGPUB; USPAT	OR	ON	2009/01/02 14:45
S87	21	S86 and (pulse\$1 adj current)	US-PGPUB; USPAT	OR	ON	2009/01/02 14:45
S88	18	("4213080" "4274044" "4390940" "4626983" "4644256" "4695935" "4740739" "4786851" "4871959" "5063341" "5084664" "5276393" "5491399" "5646505" "5648714" "5677612").PN. OR ("6184650"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:03
S89	7	S88 and (sulfate or sulfation)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:03
S90	14	("4728877" "4871959" "5063341" "5084664" "5166595" "5276393" "5491399" "5543701").PN. OR ("5677612").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:04
S91	7	S90 and (sulfate or sulfation)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:09
S92	23	("4331911" "5003244" "5162663" "5523668").PN. OR ("5629601"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:17
S93	0	S92 and (sulfate or sulfation)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:17
S94	66	"4829225"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:18
S95	8	S94 and (sulfate or sulfation)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:18
S96	25	(desulfator or rejuvenator) same battery	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:22
S97	18	S96 and pulse\$1	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:22
S98	2019	(negative near3 current) and (sulfate or sulfation)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:26
S99	158	((negative near3 current) same pulse \$1) and (sulfate or sulfation)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:26

S100	21	((negative near3 current) same pulse \$1) and ((sulfate or sulfation) same battery)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:27
S101	4	"6184650"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:31
S102	2	desulphator	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:35
S103	0	desulpator	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:36
S104	12	desulfator	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:36
S105	66	(pulse\$1 same desulfat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:36
S106	42	S105 and (battery or cell)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:37
S107	7	((SHIGEO) near2 (OKUNO)).INV.	US-PGPUB; USPAT	OR	ON	2009/01/02 15:48
S108	3	S107 and sulfate	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:49
S109	0	"2003163001"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:52
S110	1	"20030163001"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:52
S111	0	JP-200316300-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/02 15:53
S112	2	JP-2003163001-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/02 15:53
S113	16	"5648714"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/02 15:56
S114	15	"5648714"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/02 15:56
S115	10	"5633575"	US-PGPUB; USPAT	OR	ON	2009/01/02 17:04
S116	19	"5276393"	US-PGPUB; USPAT	OR	ON	2009/01/02 17:04
S117	2	"5783929"	US-PGPUB; USPAT	OR	ON	2009/01/02 17:09
S118	40	"3808481"	US-PGPUB; USPAT	OR	ON	2009/01/02 17:10

1/3/2009 7:14:27 PM

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